| Index of Claims                                                  | Application No.      | Applicant(s) |     |
|------------------------------------------------------------------|----------------------|--------------|-----|
| 18701 (1883 60) 18 ATTEN (1881 1881 1871 1881) ATTEN (1881 1881) | 10/618,845           | CHIANIS ET   | AL. |
|                                                                  | Examiner             | Art Unit     |     |
| EBITT FIBIT BORID BITTLE FINDL (BITT) FFILL BITTLE BITTLE BITT   | Inna-Suk (James) Lee | 3673         |     |

| <b>√</b> | Rejected | _ | (Through numeral)<br>Cancelled | N | Non-Elected  | A | Appeal   |
|----------|----------|---|--------------------------------|---|--------------|---|----------|
| =        | Allowed  | ÷ | Restricted                     | 1 | Interference | 0 | Objected |

| Claim   | n Date     |                                 |                  |               |                  | Claim Date |          |                 |          |          |          | ٦             | CI                                     | aim    | Date            |               |         |                |          |              |          |             |          |          |          |          |           |          |
|---------|------------|---------------------------------|------------------|---------------|------------------|------------|----------|-----------------|----------|----------|----------|---------------|----------------------------------------|--------|-----------------|---------------|---------|----------------|----------|--------------|----------|-------------|----------|----------|----------|----------|-----------|----------|
| <u></u> | 1.         |                                 |                  |               |                  | $\Box$     |          |                 |          |          |          |               |                                        | Т      | П               |               | 7       |                | 1        | Г            | Γ        | Γ           | ΠÌ       |          |          |          | $\neg$    | ٦        |
| Final   | 7/16/04    | 6 / / /                         |                  |               | 1                |            |          | Final           | Original |          |          |               |                                        |        |                 |               |         | Final          | Original | 1            |          | ĺ           |          |          |          |          |           | -        |
| i j     | 1212       | 3                               |                  | 1 1           | 1                |            |          | ιĒ              | Ę        |          | Ш        | - 1           |                                        |        | 1 1             |               |         | <u>ن</u> تًا : | ë        |              |          |             |          |          |          |          |           |          |
|         | 1 1        |                                 |                  |               |                  |            |          |                 | ٥        |          |          |               |                                        |        |                 |               |         |                | 0        | 1            |          |             |          |          |          |          |           | ı        |
| 1       | 1/2        |                                 |                  |               |                  |            |          |                 | 51       |          | П        |               | Т                                      |        | $\sqcap$        | $\neg$        | 7       |                | 101      | Π            |          |             |          |          | $\vdash$ | П        | 7         | ╛        |
| 2       |            |                                 |                  |               |                  |            |          |                 | 52       |          | П        |               |                                        | T      | $\sqcap$        | T             | 7       |                | 102      | T            | T        |             | ı        |          |          |          | 7         | ╛        |
| 3       | ШП         |                                 |                  |               |                  |            | Ш        |                 | 53       | Π        | П        | $\neg$        | 7                                      |        | $\sqcap$        | _             | 7       |                | 103      |              | П        |             |          |          |          | П        | 7         | ┫        |
| 4       | Ш          |                                 |                  |               | T                |            |          |                 | 54       | П        | $\Box$   |               | Т                                      |        | П               | $\neg$        | 7       |                | 104      |              | Г        |             | П        |          |          |          | 十         | ᅥ        |
| 5       |            |                                 |                  |               |                  | $\Box$     |          |                 | 55       | П        | П        |               | $\top$                                 | $\neg$ | I I             | $\top$        | 7       |                | 105      | $\vdash$     |          |             | П        | _        |          |          | $\dashv$  | ┪        |
| 6       | ШП         |                                 |                  | П             |                  |            |          |                 | 56       | П        |          | T             | 7                                      | $\top$ | П               |               | 7       |                | 106      | Г            |          |             | П        |          |          | $\neg$   | $\forall$ | ┪        |
| 7       | Ш          |                                 |                  |               |                  |            |          |                 | 57       |          |          | $\neg$        | Т                                      | $\top$ | П               | $\neg \vdash$ | 7       |                | 107      |              |          |             | П        |          |          | $\Box$   | 7         | ┨        |
| 8       | Ш          |                                 |                  |               |                  |            |          |                 | 58       |          | П        | T             | Т                                      | T      |                 | $\top$        | 7       |                | 108      |              |          |             |          | $\neg$   |          | $\neg$   | 寸         | ┨        |
| 9       | Ш          | $\perp \perp$                   |                  |               |                  |            | [        |                 | 59       |          | П        | $\neg \Gamma$ | 7                                      | Т      | П               | $\neg \vdash$ |         |                | 109      |              |          |             |          |          |          |          | 寸         | ᅦ        |
| 10      | Ш          |                                 |                  | П             |                  |            |          |                 | 60       |          |          | 7             | $\top$                                 | 7      | П               | $\neg$        | 1       |                | 110      |              | П        |             |          | ╗        |          | $\neg$   | _         | ヿ        |
| 11      | Ш          |                                 |                  |               |                  |            |          |                 | 61       | П        |          |               | 7                                      | 7      | $\Box$          | 7             | 1       |                | 111      |              |          |             |          |          |          | $\neg$   | 十         | ヿ        |
| 12      | Ш          | $oldsymbol{oldsymbol{\square}}$ |                  |               |                  |            |          |                 | 62       |          |          |               |                                        |        | П               |               | 7       |                | 112      |              | П        |             |          | $\dashv$ |          | 7        | $\dashv$  | ヿ        |
| 13      | ШΠ         |                                 |                  |               |                  |            |          |                 | 63       |          | $\sqcap$ | T             | Т                                      | T      | П               | 1             | 7       |                | 113      | П            |          |             |          | $\dashv$ |          | _        | 十         | ヿ        |
| 14      |            |                                 |                  |               | $oxed{\Box}$     |            |          |                 | 64       |          |          | $\Box$        | 1                                      | $\top$ | П               | $\neg$        | 7       |                | 114      | $\Box$       | М        | $\neg$      |          |          |          | 7        | $\dashv$  | ᅥ        |
| 15      | Ш          | $\prod$                         |                  |               | $\Box$           |            |          |                 | 65       |          | $\dashv$ | ┪             | T                                      | 1      | П               | $\dashv$      | 7       |                | 115      | П            | Н        |             | -        | $\dashv$ | $\vdash$ | 一        | $\dashv$  | ヿ        |
| 16      | Ш          |                                 |                  |               |                  |            |          |                 | 66       | П        |          | $\top$        | 1                                      | $\top$ |                 | 1             | 7       |                | 116      | Н            |          |             |          | ᅱ        |          | $\dashv$ | 十         | ᅥ        |
| 17      | Ш          | $\sqcap$                        |                  |               |                  |            |          |                 | 67       |          |          | $\neg$        | 1                                      | _      |                 | _             | 7       |                | 117      |              |          |             |          | ┪        |          | $\dashv$ | ╅         | ᅥ        |
| 18      | Ш          |                                 | $\neg$           |               | $\Box$           |            |          |                 | 68       |          | 7        | _             | 十                                      | 1      | П               |               | 7       |                | 118      | Н            |          |             |          | _        |          | 7        |           | ᅥ        |
| 19      | Ш          | $\prod$                         |                  |               |                  |            |          |                 | 69       | П        | $\neg$   |               | 1                                      | $\top$ | $\Box$          | $\top$        | ۱       |                | 119      | Н            | М        | -           |          | ᅥ        |          | 十        | +         | ┪        |
| 20      | ПП         | $\top$                          | $\sqcap$         |               | 11               |            |          |                 | 70       | П        | ヿ        | T             | $\top$                                 | _      | $\Box$          | $\top$        | 7       |                | 120      |              |          | $\neg$      | $\vdash$ |          |          | 7        | +         | Ⅎ        |
| 21      |            | T                               | $\neg \neg$      |               |                  |            |          |                 | 71       |          | 丁        | 7             | $\dagger$                              | 1      |                 |               | ا ال    |                | 121      | Н            |          |             | $\vdash$ | -1       | $\neg$   | 十        | $\dashv$  | ᅥ        |
| 22      | $\Pi\Pi$   |                                 |                  |               | $\top$           |            | ľ        |                 | 72       |          |          |               | $\top$                                 | _      | П               | _             | 1       |                | 122      | Н            | _        | $\neg$      |          | -        | _        | +        | 十         | ┪        |
| 23      | Ш          | $\sqcap$                        |                  |               | $\sqcap$         |            |          |                 | 73       | П        |          |               | ✝                                      | 1      | $\Box$          | _             | 1       | -              | 123      | Н            | $\dashv$ | $\dashv$    | $\dashv$ | 一        | $\dashv$ | 7        | $\dashv$  | -        |
| 24      | Ш          | П                               |                  |               | $\neg \neg$      |            | ii l     |                 | 74       | П        | ┪        |               | +                                      | 1      | П               |               | ا اا    | $\neg$         | 124      | Н            | $\neg$   | $\neg$      | $\neg$   | $\dashv$ | ┪        | +        | +         | ┪        |
| 25      | ПП         | ТТ                              |                  |               |                  |            | iil i    | $\neg \neg$     | 75       | П        | 7        |               | $\top$                                 | +      |                 |               | ااااا   | $\neg$         | 125      | Н            |          | $\neg$      | $\dashv$ | -        | _        | $\dashv$ | -†-       | Ⅎ        |
| 26      |            | П                               |                  | $\neg \vdash$ | 77               |            |          |                 | 76       | П        | _        | $\neg$        | +                                      | ╁      |                 | $\vdash$      | 1       |                | 126      | Н            |          | ᅱ           | $\dashv$ | 7        | -        | $\dashv$ | 十         | ┨        |
| 27      |            |                                 | $\neg \neg$      | $\neg$        | $\top$           |            |          |                 | 77       | П        | 7        | _             | ╅                                      | $\top$ | $\Box$          | _             | 1       |                | 127      |              | -        |             | $\dashv$ | ┪        | ┪        | +        | $\pm$     | ┨        |
| 28      | $\Pi\Pi$   |                                 | $\top$           |               | $\top$           |            | [        |                 | 78       |          | ヿ        | _             | $\top$                                 | 1-     | $\Box$          | 1             | 1       | _              | 128      |              | $\dashv$ | -†          | -1       | ┪        | -        | 十        | +         | ┥        |
| 29      | ₹X         | 1                               |                  |               | $\Box$           | _          |          |                 | 79       | $\Box$   | $\neg$   |               | 1                                      | 1      | $\vdash$        | +             | 1       | $\neg$         | 129      | $\vdash$     | 7        | ᅥ           | $\dashv$ | $\dashv$ | -        | +        | +         | ᅥ        |
| 30      | =          |                                 |                  |               | 11               |            | 計        | 一               | 80       | $\Box$   | 7        | 十             | +                                      | +-     | -               | +             | -       |                | 130      |              | -1       |             |          | -1       | -        | $\dashv$ | ╅         | ┥        |
| 31      | 7          | $\top$                          |                  | $\top$        |                  |            | #        |                 | 81       |          | _        | $\dashv$      | +-                                     | $\top$ | -               | +             | 1       |                | 131      | $\dashv$     | ┪        |             | $\dashv$ | +        | $\dashv$ | -        | +         | ┨        |
| 32      |            | T                               | $\top$           |               | 11               | _          | ii t     |                 | 82       | $\Box$   | $\dashv$ | 十             | 十                                      | +-     |                 | +-            | 1       | 1              | 132      | $\dashv$     | -        | -           | -        | ┪        | -        | $\dashv$ | +         | ┥        |
| 33      |            | $\top$                          | $\top$           | _             | 77               | 7          | #        |                 | 83       |          | $\dashv$ | +             | +                                      | 1      | $\vdash$        |               | ┧╟╟     | <del> </del>   | 133      | $\vdash$     | ᅱ        | -           | -        | 7        |          | $\dashv$ | +         | $\dashv$ |
| 34      |            | 1                               | 11               | _             | $\top$           |            | ⊪        |                 | 84       | $\dashv$ | $\dashv$ | +             | +                                      | +      | -+              | $\dashv$      | ┪       | -1             | 134      | -            | $\dashv$ | -           |          | +        | -        | -        | +         | $\dashv$ |
| 35      |            | $\top$                          | 77               | $\neg$        | 11               | -          | ii t     | $\neg$          | 85       | $\dashv$ | +        | 十             | $\top$                                 | +-     | -               | +-            | ┧┈╟     | -              | 135      | $\vdash$     | $\dashv$ | $\dashv$    | -        | +        | ᆊ        | +        | +         | $\dashv$ |
| 36      |            |                                 | 77               |               | $\top$           |            | iii t    | $\neg \neg$     | 86       | $\dashv$ | 一        | -             | +                                      | +      | $\vdash$        | _             | ╢╟      | -              | 136      | $\vdash$     | $\dashv$ | ᆉ           | $\dashv$ | $\dashv$ | +        | $\dashv$ | +         | ┥        |
| 37      |            |                                 | $\Box$           | $\neg$        | $\sqcap$         |            |          | -1              | 87       | $\neg$   | $\dashv$ | $\top$        | ╅                                      | +      | $\vdash$        | - -           | 100     |                | 137      |              | -+       | 一           | $\dashv$ | $\dashv$ | +        | $\dashv$ | +         | $\dashv$ |
| 38      |            |                                 | 77               |               | 77               |            | iiit     |                 | 88       | 7        | $\dashv$ | _             | 十                                      | 1-     | $\vdash$        | $\vdash$      | ╢╫      | - 1            | 138      |              | -+       | 一           | +        | +        | _        | $\dashv$ | +         | $\dashv$ |
| 39      |            |                                 | 77               | _ _           | $\top$           |            | <b>"</b> | $\neg \uparrow$ | 89       | ヿ        | 7        | +             | +                                      | +      | $\vdash$        | +             | ╢       |                | 139      |              | -1       | -           | -+       | ┪        | -1       | +        | +         | $\dashv$ |
| 40      | $\dashv f$ |                                 | 77               |               | 11               | 7          | ۱        |                 | 90       | $\dashv$ | $\dashv$ | +             | +                                      | +      | $\forall$       | +             | ┧       |                | 140      |              | -+       | +           | -        | +        | -+       | +        | +         | $\dashv$ |
| 41      | -11        | 1                               | 11               |               | 11               | -          | iit      |                 | 91       |          | +        | +             | +                                      | +      | $\vdash \vdash$ | +             | ╢       |                | 141      | -            | +        | +           | -        | +        | +        | +        | +         | $\dashv$ |
| 42      | 11         | 1-1-                            | 77               | $\dashv$      | $\top$           | ۱          | ı        | _               | 92       | -        | _        | +             | +                                      | +      | $\vdash$        | +             | ╢       |                | 142      | $\dashv$     | $\dashv$ | $\dashv$    |          | ┪        | -1       | +        | +         | $\dashv$ |
| 43      | $\dashv$   | $\top$                          | $\top$           | $\top$        | 11               | - :        | ı        |                 | 93       | $\dashv$ | $\dashv$ | ┰             | †                                      | $\top$ | $\vdash$        | +             | ┧╗╟     | +              | 143      |              | +        | -           | +        | $\dashv$ | $\dashv$ | +        | +         | $\dashv$ |
| 44      | -11        | TT                              | 1                | _             | 77               | 7          | ۱        |                 | 94       | _        | $\dashv$ | 十             | T                                      | T      | $\vdash$        | +             | ┪       | -              | 144      | +            | $\dashv$ | 7           | +        | +        | +        | +        | +         | $\dashv$ |
| 45      | 71         | $\top$                          | 17               | -             | 17               | -          | ŀ        | _               | 95       | $\dashv$ | +        | 十             | +                                      | $\top$ | $\vdash$        | - -           | ┪       | -+             | 145      | <del> </del> | 十        | -           | $\dashv$ | $\dashv$ | +        |          | +         | $\dashv$ |
| 46      | 7.12       | 1                               | 7                | _†-           | 11               | -          | r        | _               | 96       | $\dashv$ | $\dashv$ | +             | T                                      | +      | $\vdash$        | 1-            | ┪╟      |                | 146      | +            | +        | -+          | $\dashv$ | +        | 一十       | +        | ╁         | ┨        |
| 47      | $\neg$     | $\sqcap$                        | <del>     </del> | $\dashv$      | 11               | -          | #        |                 | 97       | _        | $\top$   | +             | +                                      | 1      | $\vdash$        | +             | ┧┈┟     | $\dashv$       | 147      | -            | $\dashv$ | -           | $\dashv$ | +        | +        | 十        | +         | $\dashv$ |
| 48      | _          | 1                               | +-               | $\neg$        | <del>  -  </del> | ╛          | ŀ        |                 | 98       | 寸        | +        | +             | +                                      | +-     | +               | +             | ╬╬      | $\dashv$       | 148      | +            | +        | -           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ | ┰         | $\dashv$ |
| 49      | $\neg$     | $\sqcap$                        | 77               | $\top$        | $\top$           |            | r        | $\neg$          | 99       | 1        | 十        | +             | +                                      | +-     | $\dashv$        | $\neg$        | ╬       | -+             | 149      | -            | 7        | $\dashv$    | -1       | +        | 十        | +        | +         | 1        |
| 50      | $\neg$     |                                 | $\top$           | 十             | 11               |            | -        |                 | 100      | _        | 十        | +             | T                                      | +      | $\dashv$        | -1-           | 1111    |                | 150      | $\dashv$     | 7        | <b>-</b>  - | 十        | +        | 十        | 十        | +         | +        |
|         |            |                                 |                  |               |                  | ;:         | _::_     |                 | .001     |          | Щ.       |               | _ـــــــــــــــــــــــــــــــــــــ |        |                 | ل_            | J:::::L |                | 100      | _1           | L        |             | L        |          |          | L        | ㅗ.        | J        |